GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3122
ANSWERED ON:16.03.2016
Sewage Treatment
Sigriwal Shri Janardan Singh

Will the Minister of ATOMIC ENERGY be pleased to state:

(a)the details of cities in the country including in Bihar where sewage treatment is being done through radiation technology by the Bhabha Atomic Research Centre (BARC); and

(b)the steps taken/proposed to be taken by the Government/BARC for popularising this technology?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a) & (b)Sludge Hygienisation Research Irradiator (SHRI) a demonstration unit for hygienisation of sewage sludge has been operating since 1994 at Vadodara, Gujarat. The technology employs irradiation of sewage containing 96% water and 4% solid component. The plant has hygienised about 2000 tons of sludge during the last five years. The sludge has been given to local farmers under Memorandum of Understanding (MoU) for agricultural purpose.

BARC has now developed an improved technology of dry sewage sludge irradiation using Cobalt-60 which is being implemented under MoU with Ahmedabad Municipal Corporation, Ahmedabad. The plant of 100 tons/day capacity is scheduled to be commissioned by 2017. Discussions have also been initiated with Ludhiana and Nagpur Municipal Corporations, for putting up such facility.

BARC has not initiated any project for treatment of sewage in the State of Bihar.

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